



The Valleylab Force 2 electrosurgical unit is a long-standing workhorse and provides cutting and coagulation in monopolar or bipolar outputs. The generator has audible and visual alarms, including REM™ Fault Indicator. The REM™ (Return Electrode Monitoring) is standard. 300 watts is available for output in the cut setting. A monopolar foot switch is included, a bipolar foot switch is optional as is a rolling cart.

Features

- High Power Digital ESU.
- High performance capabilities in a multipurpose generator
- Provides flexibility through varying degrees of homeostasis
- Operator can choose one of three preset modes: simultaneous independent coagulation, low voltage coagulation and Valleylab REM safety, which substantially reduces the risk of patient burns at the return electrode site



Specifications

Dimensions

Height: 8 in (20 cm)
Width: 13 in (33 cm)
Depth: 12 in (53 cm)
Weight: 23 lbs. (10.4 kg)

Output Waveforms

Cut: 510 kHz sinusoid
Blend 1: 510 kHz sinusoidal bursts at 50% duty cycle recurring at 31 kHz
Blend 2: 510 kHz sinusoidal bursts at 37.5% duty cycle recurring at 31 kHz
Blend 3: 510 kHz sinusoidal bursts at 25% duty cycle recurring at 31 kHz
Coag: 510 kHz damped sinusoidal bursts with a repetition frequency of 31 kHz
Low Voltage 510 kHz sinusoidal bursts at 25%
Coag: duty cycle recurring at 31 kHz
Bipolar: 510 kHz sinusoid Output power changes by less than 5% or 5 watts, whichever is greater, as the line voltage varies from 85-135 volts (into a 300 ohm load).

Output Characteristics

Pure Cut: 300 watts
Blend 1: 250 watts
Blend 2: 200 watts
Blend 3: 150 watts
Coag: 120 watts
Low Voltage Coag: 99 watts
Bipolar: 70 watts

High Frequency Leakage

Less than 150 mA rms

Input Power Requirements

Operating range is 85 to 135 AC volts. Current is less than 8 amperes in cut and less than 4 amperes in coag.

Operating Parameters

Temperature range: 10° C (50° F) to 40° C (104° F)
Humidity Range: 30 to 75%, noncondensing
Atmospheric Pressure: 500 to 1060 millibar